

Title (en)
Lamp for use with rapid start metal halide bulbs

Title (de)
Leuchte für Metalhalidelampen

Title (fr)
Luminaire pour lampes aux halogénures métalliques

Publication
EP 0735799 A2 19961002 (EN)

Application
EP 96302167 A 19960328

Priority
US 41313995 A 19950329

Abstract (en)
A lamp assembly for use with a rapid start metal halide bulb (11), and including a lamp head housing (1) and a power supply source (51). The lamp head housing includes a circuit board (13) with power supply contact surfaces (23,24,25), a high voltage resistant socket (12) a reflector (15), and an on-off switch, (30). The circuit board provides an ignition voltage, an ignition voltage spike, and a supply voltage to the rapid start metal halide bulb. The power supply contact surfaces (46,47,48) connect power to the circuit board. The high voltage resistant socket holds the rapid start metal halide bulb and is electrically coupled with the circuit board. The reflector is arranged relative to the high voltage resistant socket, and reflects light emitted from the rapid start metal halide bulb. The on-off switch is electrically coupled with the circuit board. The power supply source provides an AC or DC power supply and is adapted to be either mechanically coupled with the lamp head housing such that its contacts contact the power supply contact surfaces of the lamp head housing or wire connected to the lamp head housing. <IMAGE>

IPC 1-7
H05B 41/00

IPC 8 full level
H05B 41/00 (2006.01); **H05B 41/288** (2006.01)

CPC (source: EP US)
H05B 41/00 (2013.01 - EP US); **H05B 41/2881** (2013.01 - EP US); **Y02B 20/00** (2013.01 - EP US)

Cited by
EP1298007A3; EP1278403A1; EP0955793A3; US7048423B2; US6441713B1

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0735799 A2 19961002; EP 0735799 A3 19971210; US 5604406 A 19970218

DOCDB simple family (application)
EP 96302167 A 19960328; US 41313995 A 19950329